*[Translation from Bulgarian]*

***Appendix D***

**Table of results under the Procedure Use of geothermal energy for heating or for heating & cooling in state or municipal buildings**

| **PA** | **Number** | **Expected programme results** | **Indicator** | **Unit of measurement** | **Source of verification** | **Frequency of reporting** | **Baseline value** | **Baseline year** | **Target value** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PA12** | **Outcome 1** | ***Increased renewable energy production*** | Estimated annual CO2 emissions reductions (in tonnes) | Annual number | SEDA Agency records (the certifying body) | 2020 and then Annually | 0 | N/A | 54280[[1]](#footnote-2) |
| Estimated production from geothermal energy (in MWh/year | Annual number | SEDA Agency records (the certifying body) | 2020 and then Annually | 384000 | 2015 | 412000 |
| Output 1.2 | *Geothermal energy capacity installed* | Installed capacity for production of geothermal energy (in MW) | Number | SEDA Agency records (the certifying body)/ on the spot check | Semi-annually | 0 | N/A | 5[[2]](#footnote-3) |
| Bilateral output 1 | *Strengthened experience exchange between beneficiary and donor state entities* | Number of projects involving cooperation with a donor project partner (disaggregated by Donor State) | Number | Copies of contracts concluded with Project Promoters, Partnership agreements between Project Promoters and project partners | Semi-annually | 0 | N/A | 30 |

1. Estimated CO2 avoidance in tonnes/year based on Operation Margin Emission Factor of Electricity Grid of 1.18 tCO2/MWh and assumption that produced energy from RES will replace corresponding amount of energy from fossil fuels. [↑](#footnote-ref-2)
2. Based on data from geothermal utilization project that has been implemented under Programme BG04 in Straldja Municipality and funds allocated for this Output PO estimated 4 MWt installed capacity for geothermal energy and 1,3 MW installed capacity for heat pumps. [↑](#footnote-ref-3)